

WHAT IS CLAIMED IS:

1. A fiberglass sleeved electrical cable assembly, comprising:

a plurality of electrical conductors;

a fiberglass sleeve carrying said plurality of electrical conductors therein; and

a connector, comprising a housing including a first end having an opening with an inner

5 surface to accommodate said fiberglass sleeve and said plurality of electrical conductors, said inner surface having a plurality of pointed projections, each said pointed projection having a ramped side extending farther from said inner surface in a direction away from said opening.

2. The assembly of claim 1, further comprising at least one electrical terminal being constrained within said housing and electrically connected to at least one of said plurality of electrical conductors.

3. The assembly of claim 1, wherein each said adjacent side of said pointed projections form an obtuse angle with said inner surface.

4. The assembly of claim 1, wherein said pointed projections each have a front side opposite said ramped side and adjacent to said two adjacent sides, said front side being at least one of generally perpendicular to said inner surface and forming an acute angle with said inner surface.

5. The assembly of claim 1, wherein said plurality of pointed projections are formed in at least one row on said inner surface.

6. The assembly of claim 1, wherein said plurality of pointed projections are arranged in a plurality of rows on said inner surface.

7. The assembly of claim 1, wherein said housing includes at least two housing portions, each said housing portion configured to connect with at least one other said housing portion.

8. The assembly of claim 1, wherein said pointed projections include two adjacent sides being adjacent to said ramped side extending from said inner surface meeting to form one of a pyramid-shaped point and a chisel point oriented substantially parallel with a direction said electrical conductors are oriented within said connector.

9. An electrical connector for coupling with a plurality of electrical conductors enclosed in a fiberglass sleeve, said electrical connector, comprising:

a housing including a first end having an opening with an inner surface, said opening configured for receiving said plurality of electrical conductors therein; and

5 a plurality of pointed projections on said inner surface, each said pointed projection being configured with a ramped side extending farther from said inner surface in a direction away from said opening.

10. The connector of claim 9, wherein each said adjacent side of said pointed projections form an obtuse angle with said inner surface.

11. The connector of claim 9, wherein said pointed projections each have a front side opposite said ramped side and adjacent to said two adjacent sides, said front side being at least one of generally perpendicular to said inner surface and forming an acute angle with said inner surface.

12. The connector of claim 9, wherein said plurality of pointed projections are formed in at least one row on said inner surface.

13. The connector of claim 9, wherein said plurality of pointed projections are arranged in a plurality of rows on said inner surface.

14. The connector of claim 9, wherein said housing includes at least two housing portions, each said housing portion configured to connect with at least one other said housing portion.

15. The connector of claim 9, wherein said pointed projections include two adjacent sides being adjacent to said ramped side extending from said inner surface meeting to form one of a pyramid-shaped point and a chisel point oriented substantially parallel with a direction said electrical conductors are oriented within said connector.

16. A method of forming an electrical cable assembly, comprising the steps of:

providing a fiberglass sleeve to carry a plurality of electrical conductors therein;

providing a housing having a first end with an opening, an inner surface and a plurality of projections on said inner surface, each said projection being configured with a ramped side

5 extending farther from said inner surface in a direction away from said opening;

positioning said fiberglass sleeve within said opening; and

gripping said fiberglass sleeve with said projections.

17. The method of claim 16, further comprising the steps of:

connecting an end of at least one of said plurality of electrical connectors with an electrical terminal; and

inserting said electrical terminal into a terminal channel within said housing.